



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
06.06.2012 Bulletin 2012/23

(51) Int Cl.:
A47L 9/12 (2006.01) **A47L 9/16** (2006.01)
A47L 5/24 (2006.01) **A47L 9/22** (2006.01)

(43) Date of publication A2:
14.09.2011 Bulletin 2011/37

(21) Application number: **11157649.2**

(22) Date of filing: **10.03.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(71) Applicant: **G.B.D. Corp.**
Nassau (BS)

(72) Inventor: **Conrad, Wayne Ernest**
Hampton, Ontario L0B 1J0 (CA)

(74) Representative: **Gervasi, Gemma et al**
Notarbartolo & Gervasi GmbH
Bavariaring 21
80336 München (DE)

(30) Priority: **12.03.2010 US 722705**
03.03.2011 US 39376

(54) **Surface cleaning apparatus**

(57) A surface cleaning apparatus comprises an air flow passage extending from a dirty air inlet to a clean air outlet. A suction motor is positioned in the air flow path. At least one cyclone chamber positioned in the air flow path. An associated dirt collection chamber is op-

tionally exterior the cyclone chamber. A pre-motor filter is positioned downstream of the cyclone chamber and upstream of the suction motor. The pre-motor filter has an upstream side and a downstream side. The pre-motor filter may overlie at least a portion of the suction motor and the cyclone chamber.

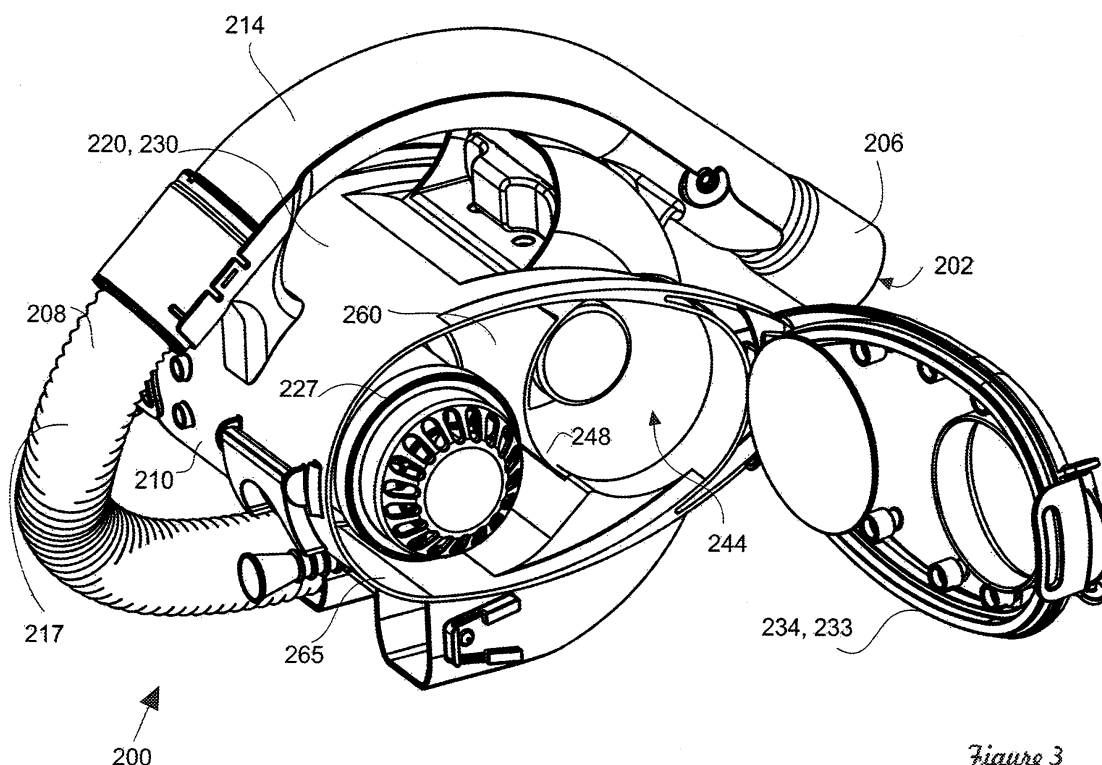


Figure 3



EUROPEAN SEARCH REPORT

Application Number
EP 11 15 7649

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 3 877 902 A (ERIKSSON BOLIK ANDERS GOTTFRID ET AL) 15 April 1975 (1975-04-15) * column 1, line 51 - column 3, line 21; figures 1,2 *	1-7,9-12	INV. A47L9/12 A47L9/16 A47L5/24 A47L9/22
X	DE 90 17 798 U1 (SIEMENS AG, 8000 MÜNCHEN, DE) 6 February 1992 (1992-02-06)	1-3	
A	* page 3, line 5 - page 5, line 4; figure 1 *	4-12	
A	GB 1 029 943 A (ELECTROLUX LTD) 18 May 1966 (1966-05-18) * abstract; figure 2 *	1-12	
A	EP 1 031 310 A2 (DONALDSON CO INC [US]) 30 August 2000 (2000-08-30) * abstract; figure 1 *	1-12	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
Place of search		Date of completion of the search	Examiner
Munich		26 April 2012	Hubrich, Klaus
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 15 7649

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-04-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3877902	A	15-04-1975	CA 987060 A1	13-04-1976
			FR 2226967 A1	22-11-1974
			SE 372415 B	23-12-1974
			US 3877902 A	15-04-1975

DE 9017798	U1	06-02-1992	NONE	

GB 1029943	A	18-05-1966	CH 409267 A	15-03-1966
			DK 120965 B	09-08-1971
			GB 1029942 A	18-05-1966
			GB 1029943 A	18-05-1966
			NL 124895 C	26-04-2012
			NL 287744 A	26-04-2012
			NL 6717394 A	25-03-1968
			NL 6717395 A	25-03-1968
			NO 116725 B	12-05-1969
			NO 116726 B	12-05-1969

EP 1031310	A2	30-08-2000	EP 1031310 A2	30-08-2000
			US 6210469 B1	03-04-2001
